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APPLICATION NO		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,302	·	07/22/2003	Tohru Yamada	10873.1268US01	8390
23552	7590	01/06/2005		EXAMINER	
MERCHA	NT & G	OULD PC	JACKSON JR, JEROME		
P.O. BOX MINNEAP		N 55402-0903		ART UNIT	PAPER NUMBER
,				2815	
				DATE MAILED: 01/06/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application No.	Applicant(s)				
Office Anti-e Comment		10/625,302	YAMADA, TOHRU				
	Office Action Summary	Examiner	Art Unit				
		Jerome Jackson Jr.	2815				
Period fo	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
Status							
1) 🖂	Responsive to communication(s) filed on 22 N	ovember 2004.					
		action is non-final.					
3)🖂			secution as to the merits is				
•	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposit	ion of Claims						
· _		·					
7)	<ul><li>✓ Claim(s) 1-10 is/are pending in the application.</li><li>✓ 4a) Of the above claim(s) is/are withdrawn from consideration.</li></ul>						
5)⊠	☐ Claim(s) is/are allowed.						
7)							
,—	Claim(s) are subject to restriction and/or election requirement.						
Application Papers							
	·						
	☐ The specification is objected to by the Examiner.  ☐ The drawing(s) filed on 22, July 2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
10)[2]	☐ The drawing(s) filed on 22 July 2003 is/are: a)☐ accepted or b)☐ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) he held in abovenee. See 27 CER 1.95(a)						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
11)	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority ι	under 35 U.S.C. § 119						
12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
		phonty under 33 0.0.0. § 113(a)	-(d) or (i).				
۵/۱	1.⊠ Certified copies of the priority documents have been received.						
	2. Certified copies of the priority documents have been received in Application No						
	3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.							
Attachmen	t(s)		•				
1) 🛛 Notic	e of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
2) 🔲 Notic	e of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	te				
	mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date 9/30/03.	5) Notice of Informal Pa	atent Application (PTO-152)				

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This application is in condition for allowance except for the following formal matters:

In claim 1 line 18 "vertical" should apparently be –horizontal—. Also the claim recites in several places "vertical charge transferring portions" and "vertical charge transferring portion". These recitations should agree in either the plural or singular.

Claims 7-10 are rejoined because they include all the structure of allowable claim 1.

Nakashiba '487, Furumiya '081 and Uchiya '717 are relevant art, however, they do not teach or fairly suggest the end portion extensions claimed.

Prosecution on the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Jackson Jr. whose telephone number is 571 272 1730. The examiner can normally be reached on t-th 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on 571 272 1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jj

JEROME JACKSON PRIMARY EXAMINER